



Inspection Report (On-Highway Tank Trailer Truck)

General Info

B&B Stock Number	A2522338
Year	2007
Make	FREIGHTLINER
Model	BUSINESS CLASS M2
Serial Number	1FVACWDC77HZ20386
Serial Plate	 <p>A photograph of a Freightliner Component Information plate. The plate contains the following text: FREIGHTLINER COMPONENT INFORMATION USE VEHICLE ID NUMBER WHEN ORDERING PARTS. MANUFACTURED BY FREIGHTLINER LLC, MT. HOLLY, NORTH CAROLINA. MODEL: MM106042S, BASE MODEL: M2106, DATE OF MFR: 01/07. VEHICLE ID NO: 1FVACWDC77HZ20386, CUSTOMER: P29968, WHEELBASE: 252. ENGINE NO: 6044662, MERITOR MFS-10-149A 10,000W FFL SINGLE. MERITOR RS-21-145 21,000W R-SRS SINGLE. CAB COLOR A: N0006EA WHITE ELITE SS. L. PART NO. 24-01177-010 REV 8</p>
Odometer Reading	281009.3
Odometer	 <p>A photograph of the vehicle's instrument cluster. The digital odometer display shows the number 281009.3. Below the display are two analog gauges: a tachometer on the left with markings at 20, 25, and 30; and a speedometer on the right with markings at 35, 45, and 55.</p>
Current Inspection / State Cert / DOT	NA
Previous Application (e.g., earth moving, mining, demolition, etc)	FLATBED DUMP

Dimensions

Length (ft and inches)	22' 1" (265")
Width (ft and inches)	9'7" (115") outside of mirror to outside of mirror. Body width 8'0" (96")
Height (ft and inches)	9'0" (108")
Wheelbase (ft and inches)	12'6" (150")
GVWR (lbs)	26,000#

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Features and Configuration

Drive Type	4X2
Overdrive	No
Heat	Yes
A/C	Yes
Radio	Yes
Backup Camera	No
Cruise Control	Yes
PTO	Yes
PTO Details	Parker Chelsea
Engine Brake Configuration	N/A
Differential Lock	No
Auxiliary Engine	No
Liftgate	No
Telematics	No
OMM (Operator & Maintenance Manual)	No

Exterior 360 Walkaround

360 Walkaround & Operating Video

Walkaround Photos & Operating Video




















Exterior Walkaround Photos	
Operating Video	Click to Download
Additional Video	Click to Download
Additional Video	Click to Download

General Appearance Inspection Points

General Appearance

General Appearance Photos

Inspection Report (On-Highway Tank Trailer Truck)

Close-up Exterior Photos		Missing clearance light.		Picture showing missing battery.	
				Bent bumper.	
					
			Engine heater plug in.		
	Missing clearance light.			Cracked weld on drivers side front bumper.	Cracked weld on passenger side of bumper.
	Cracked and damage in cab by passenger side door hinge.	Tie wraps holding mirror from falling out. Glass is not broken.	Areas of rust on top of water tank.		Small dents on back of cab.

General Appearance Inspection Points

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Inspection Rating Criteria	Rating Scale	Explanation
	1 - Service Required	Requires immediate repairs to function as expected.
	2 - Above Average Wear & Tear	Exhibits greater wear than expected given age and usage. While operable, further diagnosis may be needed.
	3 - Normal Wear & Tear	Exhibits wear that is consistent with age and usage. Operation is normal, and as expected.
	4 - Very Light or Minimal Wear	Exhibits very minimal wear. Operation is better than expected given age and usage.
	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.
Body Panels	3 - Normal Wear & Tear	
Body Panel Condition	Some panel misalignment observed, Large dents or cracks, Areas of rust corrosion or rust cancer observed, Other (see comments)	
Comments	Overall body is in great shape with a few minor dents, a small crack by passenger door and old sticker residue on doors with normal fading of paint	
Doors / Canopy Latches	3 - Normal Wear & Tear	
Doors / Canopy Latches Condition	No visible damage	
Steps / Ladders	4 - Very Light or Minimal Wear	
Steps / Ladders Condition	Steps/ladders are fully intact and appear structurally sound	
Handrails	3 - Normal Wear & Tear	
Glass	3 - Normal Wear & Tear	
Glass Condition	Glass intact, no visible damage, Other (see comments)	
Comments	Tinting film on door windows are scratched with some film coming off of passenger door window	
Mirrors	2 - Above Average Wear & Tear	
Mirror Condition	One or more mirrors are broken or missing	
Comments	Drivers side bottom mirror is being held in by tie wraps. Glass is not broken	
Exterior Lights	1 - Service Required	
Exterior Lights Condition	One or more exterior lights are non-operational, Other (see comments)	
Comments	Headlights work. No rear running lights are working including taillights. Right rear brake lights work but not the left rear brake lights	
Overall Exterior	3 - Normal Wear & Tear	
Comments	Overall appearance of truck is nice and shows well. Truck has no major damage and only shows minor defects.	

Cab Inspection Points

On Highway - Cab

Cab Interior Photos

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Cab Interior Photos					
				Headliner sagging badly.	
					
					
					
					
			Missing A Pillar panel.	Broken A Pillar panel.	
					
Odometer Activity	3 - Normal Wear & Tear				
Odometer	Odometer is working and in good condition				
Controls/Switches/Gauges	3 - Normal Wear & Tear				
Controls/Switches/Gauges	Labels/decals are faded/illegible, All switches/gauges are in good condition and functioning, One or more switches/gauges are inoperative or missing, Other (see comments)				
Comments	The dome light won't come on. Not sure if it's the switch or bulb				
Brake System Type	Air Brakes				
Air Brakes Build Correct Pressure	No				
Comments	There are two air level gauges. Only 1 of them work. Air builds as it should				
Clutch	0				
Horn	3 - Normal Wear & Tear				
Horn Function	Horn is functioning as expected, Other (see comments)				

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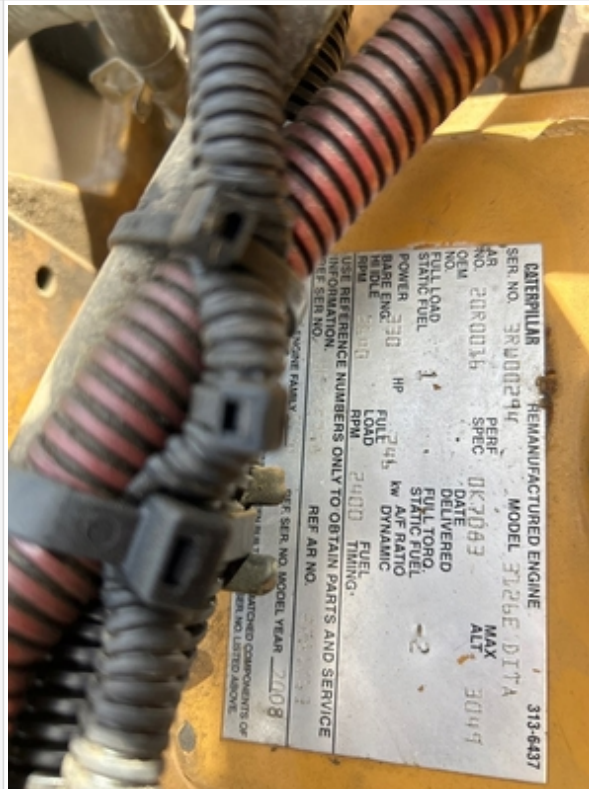
Comments	Steering wheel horn does not work. Air horn does work
Reverse Alarm / Backup Camera	3 - Normal Wear & Tear
Reverse Alarm / Backup Camera Condition	Reverse alarm working as expected, Other (see comments)
Comments	No back up camera
Heater & A/C	1 - Service Required
Heat & A/C	Fan only, heating and A/C components inoperative, Other (see comments)
Comments	Air conditioning would not get cold and heater would not get hot
Interior Lights	2 - Above Average Wear & Tear
Interior Lights	One or more lights are inoperable/damaged, Other (see comments)
Seats/Seat Belts	3 - Normal Wear & Tear
Seats/Seat Belt	Seat(s) have minor surface staining or small tears
Comments	Some light does not function
Cab Interior Overall	2 - Above Average Wear & Tear
Comments	Headliner requires repair and A Pillar panels need replacing. Seats have various rips and tears

Engine Inspection Points


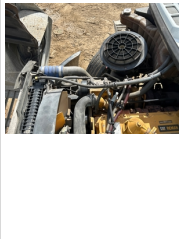
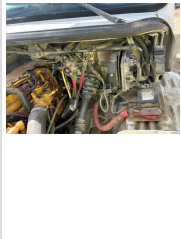
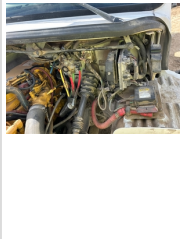
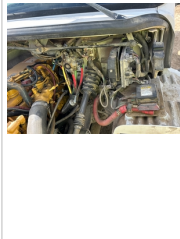









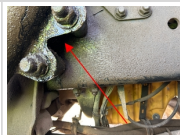

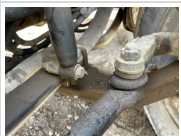


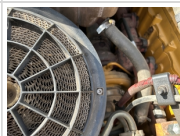


Engine

Engine Compartment Photos

Engine Data Plate



Inspection Report (On-Highway Tank Trailer Truck)

Engine Compartment Photos					
					
					
			Oil dripping from bad seal.	Steering pump area is wet and oil soaked.	Bottom of steering box.
					
					
Engine Type (Make, Model, Cylinders, Hp)	Cat 3126 330 HP				
Emissions Tier	Tier 3				
Engine Serial Number	3RW00294				
Engine Fuel Type	Diesel				
Blow-by (Visual Observation Check)	No				
Unusual Noises (Upon Start-up, Idle, Shutdown)	No				
Engine Smoke (Upon Start-up, Idle, Shutdown)	No				
Engine Exhaust Color	Clear				
Battery	2 - Above Average Wear & Tear				
Battery Condition	Dusty & dirty appearance, Other (see comments)				
Comments	1 battery is missing. Battery cover is missing				
Radiator	2 - Above Average Wear & Tear				
Radiator Condition	Other (see comments), Radiator fins & components appear to be in good working order, no signs of damage or leaks				
Comments	Overflow canister looks as though rust was present at some time				



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Belts	3 - Normal Wear & Tear
Belt Condition	Belts appear in good condition & alignment with proper tension
Hoses	3 - Normal Wear & Tear
Hose Condition	Firm, pliant hoses with no signs of wear or leaks
Water Pump	3 - Normal Wear & Tear
Water Pump Condition	No unusual pump noises heard
Cooling System Leaks	No
Coolant Appearance	4 - Very Light or Minimal Wear
Coolant Appearance Notes	Normal Translucent appearance, no visual signs of contamination, Other (see comments)
Comments	Coolant canister is stained from past rust. New Engine was recently installed and coolant appears new
Oil Leaks	Yes
Oil Leak Notes	Active dripping and/or oil pooling observed, Other (see comments)
Comments	Leak coming from power steering pump. Power steering oil level was low
Oil Appearance	4 - Very Light or Minimal Wear
Oil Appearance Notes	Clean oil appearance, no signs of cross contamination, Low oil level
Comments	Oil level was below the add mark and engine had idled over 30 minutes
Fuel Leaks	No
Equipped with DPF (Diesel Particulate Filter)	No
Requires DEF (Diesel Exhaust Fluid)	No
Overall Engine Rating	4 - Very Light or Minimal Wear
Overall Engine Appearance	Active leaks/pooling observed in & around engine compartment, Clean & dry
Overall Engine Comments	Coolant hoses and engine belt looked as if they were all replaced when the new engine was installed.















Chassis & Drivetrain Inspection Points

On-Highway: Underbody Components

Chassis & Drivetrain Photos

Chassis & Drivetrain Underside Photos					
					

Inspection Report (On-Highway Tank Trailer Truck)

					
					
			Wire loom rubbing on PRO shaft going to water pump.	Broken bracket holding wire looms.	
					
				Transmission plate.	

Chassis Inspection Points

Frame	3 - Normal Wear & Tear
Suspension	3 - Normal Wear & Tear
Steer Axle	3 - Normal Wear & Tear
Steering Components	2 - Above Average Wear & Tear
Comments	Power steering leak
Overall Chassis Condition	3 - Normal Wear & Tear
Overall Chassis Comments	Overall decent shape.

Drivetrain Inspection Points

Transmission Info (Make/Model)	Believed to be Allison 3000 Series but nothing available for verification
Transmission Type	Automatic
Transmission	3 - Normal Wear & Tear
Transmission Condition	No unusual noises or vibrations, Other (see comments)
Comments	Very small leak appears to be coming from transmission pan gasket
PTO	3 - Normal Wear & Tear
Rear Differential	3 - Normal Wear & Tear
Rear Differential Condition	Dry housing appearance, no unusual noises heard during operation
Front Differential	0
Brake Shoe Thickness	30%
Comments	Oil soaked rear brake shoes on both sides of rear differential.















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Air Brake System Leaks	No
Air Brake Hose Condition	3 - Normal Wear & Tear
Overall Drivetrain Condition	3 - Normal Wear & Tear
Overall Drivetrain Comments	Overall drivetrain seems to be in great shape with nothing major noted.

Wheels & Tires Inspection Points

Wheels & Tires

Wheels & Tires Inspection Points

Wheel Type	Other			
Wheel Seal Leaks	Yes			
Comments	Both rear axle seals appear to be leaking			
Wheel Seal Leak Photos				
Tire Brand	Sailun, Navitrac, Falken, Uniroyal mixed			
Tire Size	295/175R22.5			
Front Left Tire - Ratio Remaining	50%			
Front Left Tire Photos				
Front Right Tire - Ratio Remaining	70%			
Front Right Tire Photos				
Rear Right Tire - Ratio Remaining	90%			
Rear Right Tire Photos				
Rear Left Tire - Ratio Remaining	90%			
Rear Left Tire Photos				
Wheels & Hubs	3 - Normal Wear & Tear			
Comments	22.5 Steel wheels			

Inspection Points

Number of Tanks	3
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Inspection Report (On-Highway Tank Trailer Truck)

Tank(s) Contents & Capacity	(1) 2000 gallon water tank, (2) 80 gallon fuel tanks.
Pumps Installed on Tanks	Yes
Number of Pumps	1
Tank(s) Exterior	3 - Normal Wear & Tear
Mounting Bolts	3 - Normal Wear & Tear
Tank(s) Interior	3 - Normal Wear & Tear
Tank Baffles Intact?	Yes
Pump(s)	2 - Above Average Wear & Tear
Comments	Leak at water pump on gravity and pressure
Hose Reels & Nozzles	3 - Normal Wear & Tear

Functional Test

Functionality Assessment

Functionality Assessment

Engine	4 - Very Light or Minimal Wear
Transmission/Drivetrain	3 - Normal Wear & Tear
Travel (Forward/Reverse/Steering)	3 - Normal Wear & Tear
Brakes	2 - Above Average Wear & Tear
Comments	(2) oil soaked rear brakes. (1) oil soaked front brakes
Hydraulic System	0
Electric Operating System	3 - Normal Wear & Tear
Controls	3 - Normal Wear & Tear
Safety Systems	3 - Normal Wear & Tear
Core Functions	3 - Normal Wear & Tear
Attachments	3 - Normal Wear & Tear
Overall Functional Test Comments	Truck operates as expected. The great thing about the truck is the engine that was recently replaced by Caterpillar. Controls and switches operate as they should. Buyer will need to put priority on the front and rear brakes, and on the tail and running lights.

Inspection Summary

Overall Assessment

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	5 - Like New, Recently Replaced	Excellent condition, free of visible wear or damage. Operation is within factory specifications.
Exterior Rating	3 - Normal Wear & Tear	
Interior Rating	3 - Normal Wear & Tear	
Safety Rating	2 - Above Average Wear & Tear	
Quality Rating	3 - Normal Wear & Tear	
Functionality Rating	3 - Normal Wear & Tear	
Overall Rating	3 - Normal Wear & Tear	
Summary Video	Click to Download	
What's Great About the Machine	<p>Hi this is Curt with Boom and Bucket,</p> <p>This 2007 FREIGHTLINER M2 started out as a flatbed with a lift-gate. This truck has a new 3126 Caterpillar Tier 3 engine. The engine does not have the Tier 4 emissions and is currently seeing high demand by many truck owners. The current seller bought the truck and had the flatbed taken off and had it updated to a water truck in 2011 or 2012. The water truck has a 2000 gallon water tank with a total of (5) nozzles. (2) front nozzles, (2) rear nozzles, (1) drivers side spray nozzle that turns in between cab and water tank when not in use, and one hookup point for a hose on passenger side of truck. The truck looks nice and represents itself nicely. The truck has a short wheelbase and is a good fit for small construction sites that have small or tight areas needing water. The buyer will need to put priority on the brakes and power steering. Once the brakes and steering issues have been fixed the buyer will need to work on the truck fixing various minor issues. This truck doesn't show that it has ever been badly operated or driven bad. The issues the new buyer will need to work on is normal maintenance items.</p>	
What Needs Work	The buyer will need to put priority on the brakes, power steering and lights for this truck to operate safely.	
Date/Time	04-04-2024	
Inspector Name	Curt Logsdon	